

The Continuum and National Strategy in Context: the Epidemiology of HIV in California

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June 26, 2014



Overview

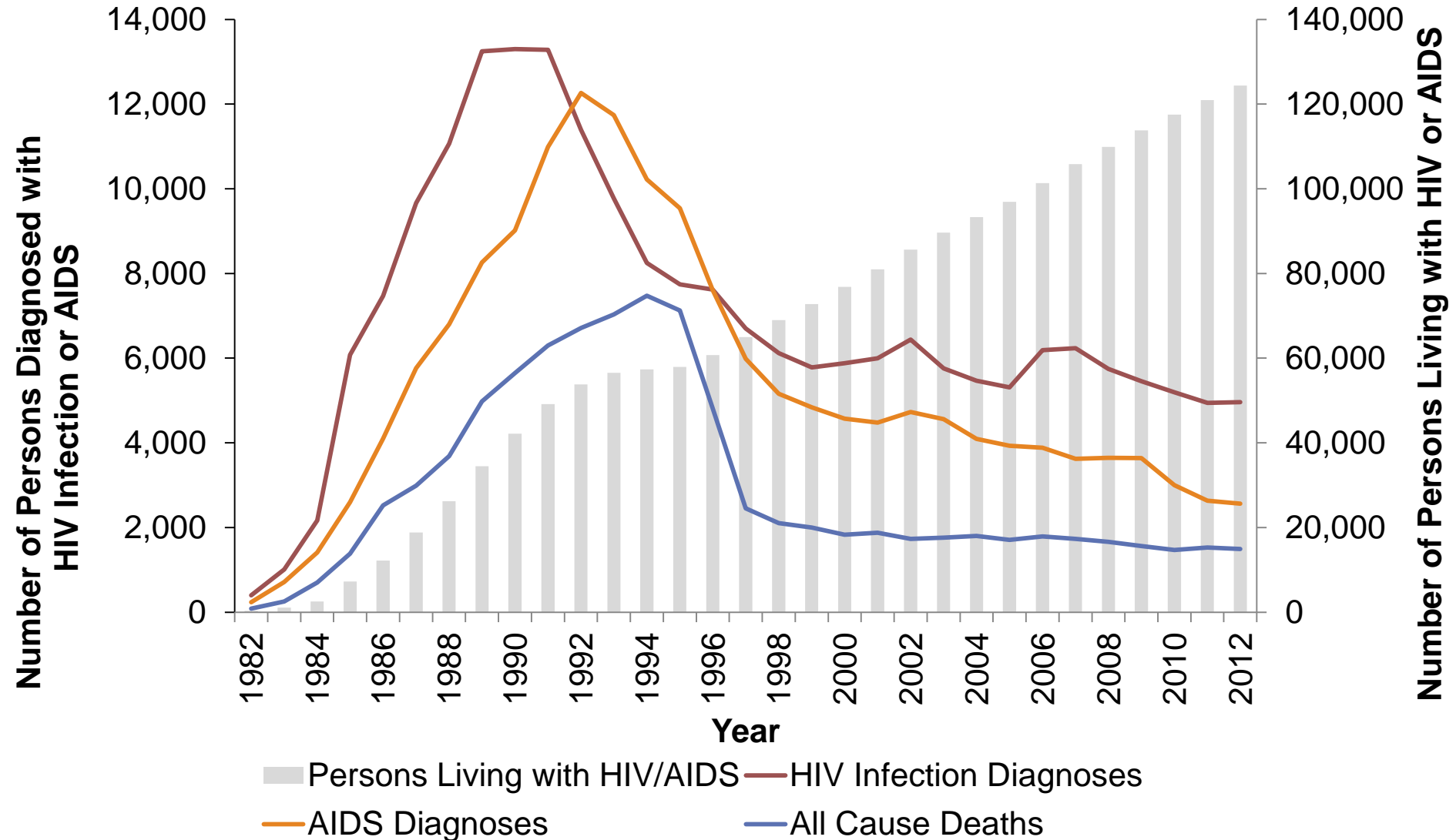
- Epidemiology of HIV/AIDS in California
- Continuum of HIV Care
- National HIV/AIDS Strategy
- Integrated Plan Goals 1-3



EPIDEMIOLOGY OF HIV/AIDS IN CALIFORNIA

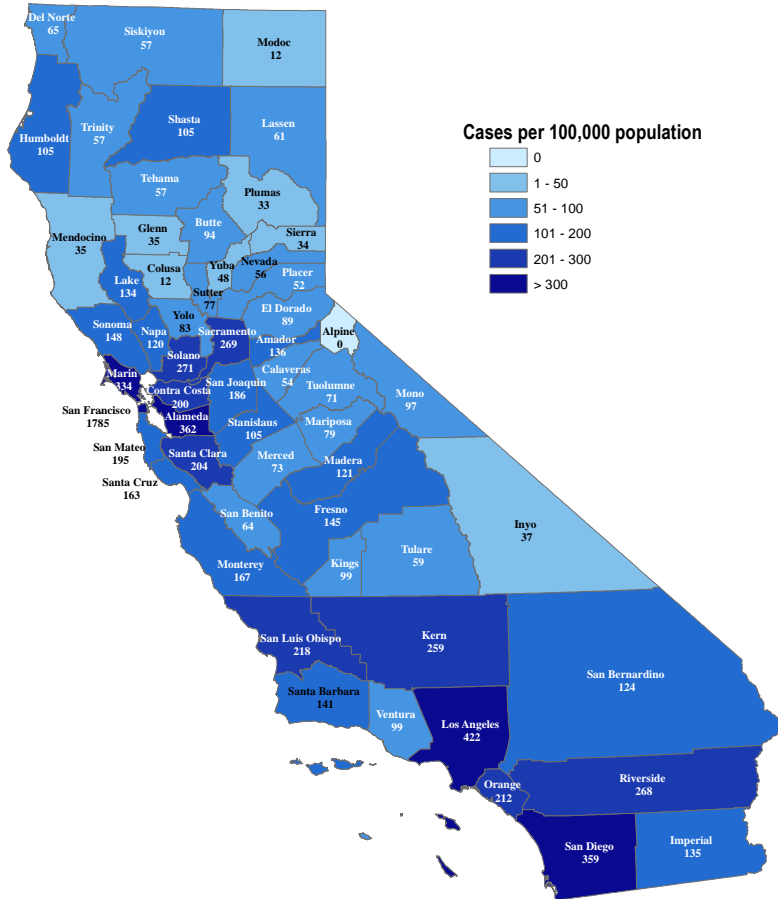


HIV Infection, AIDS Diagnoses, Deaths, and Persons Living with HIV or AIDS in California: 1982-2012

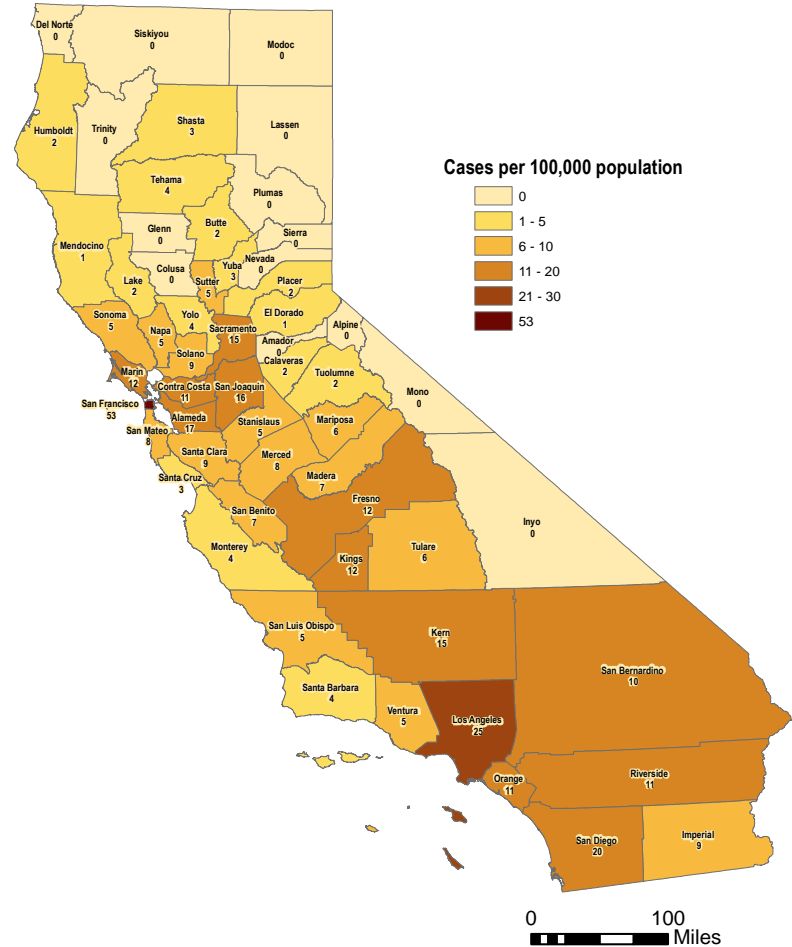


2010

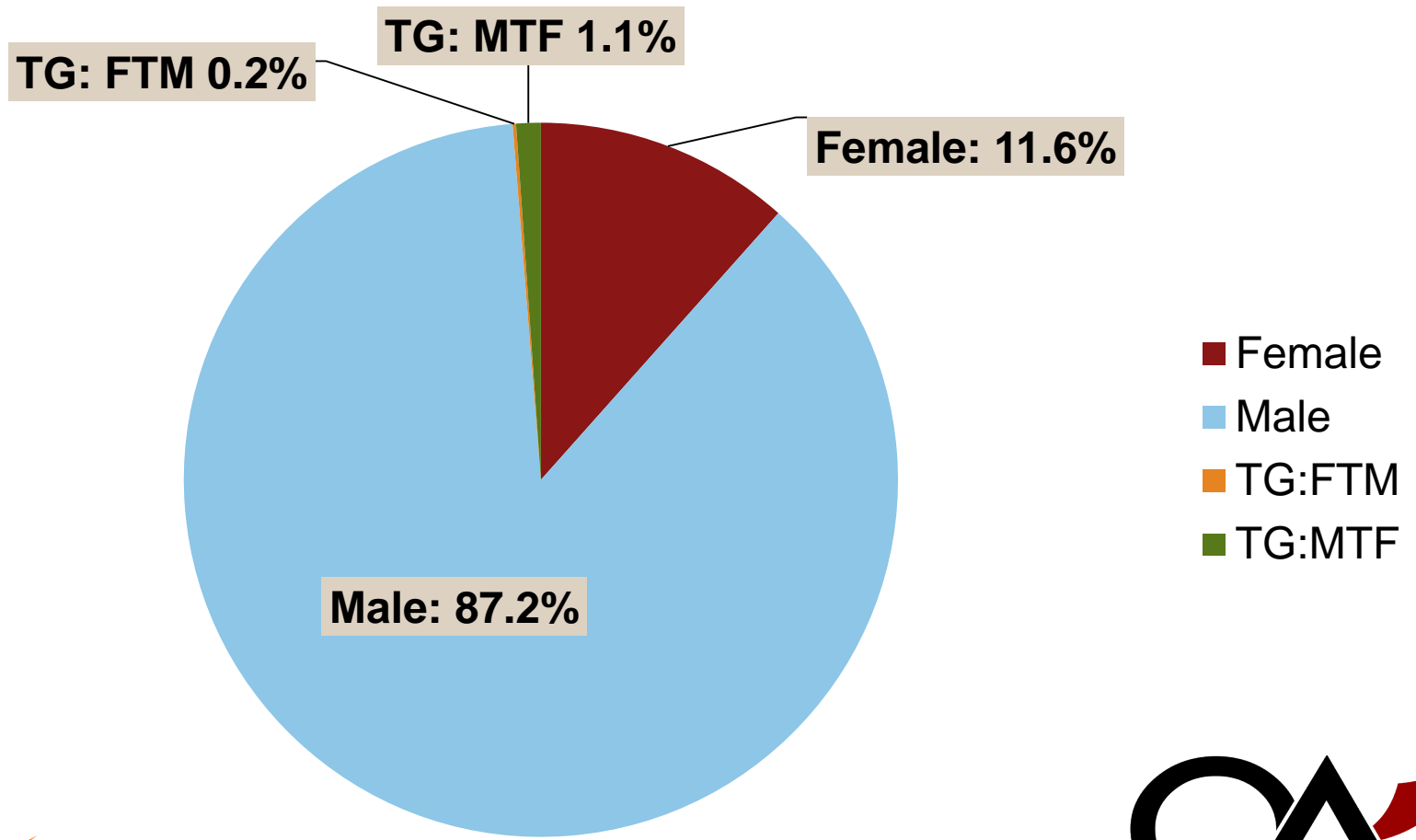
HIV/AIDS Prevalence Rate



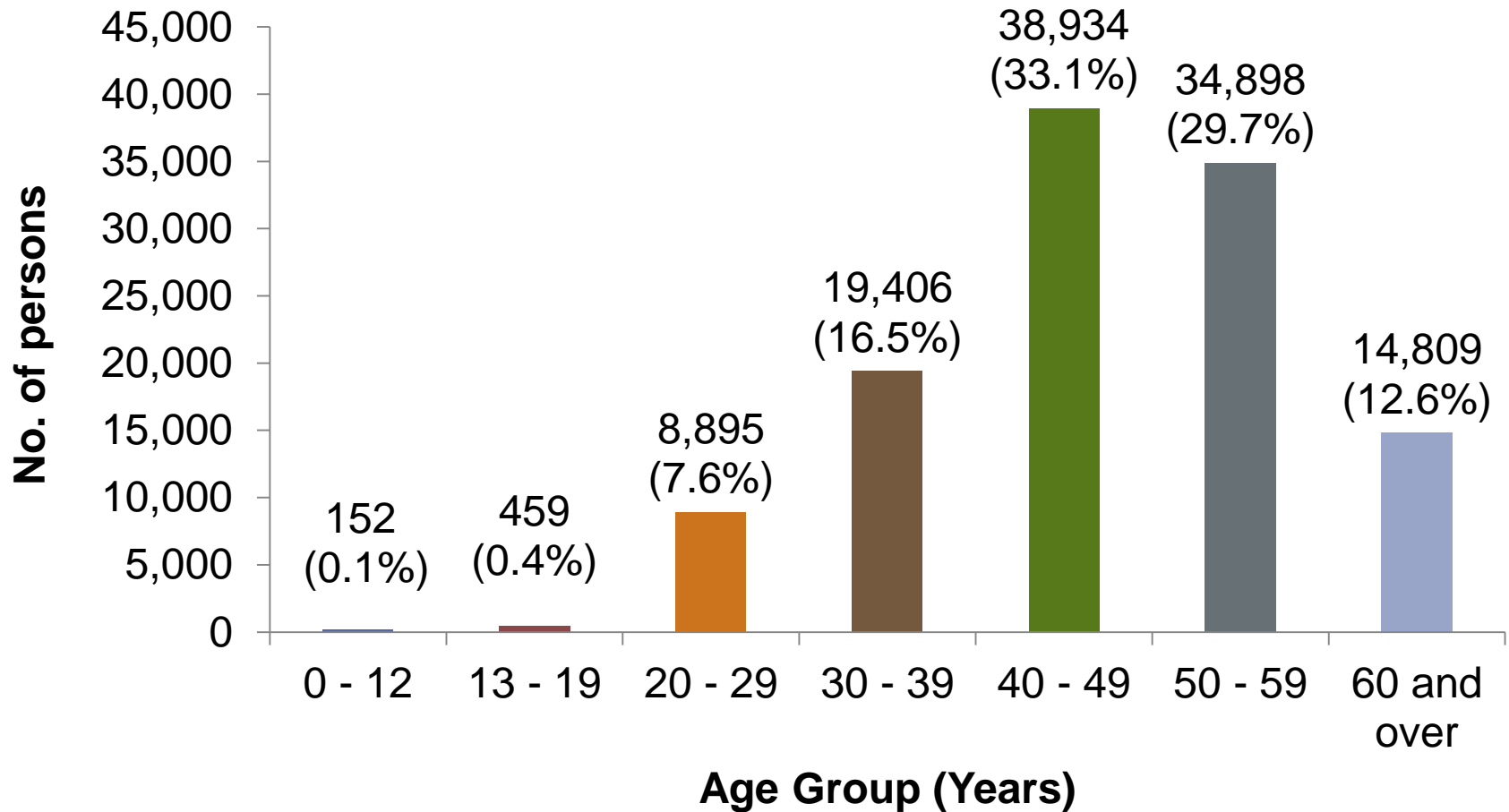
HIV/AIDS Diagnosis Rate



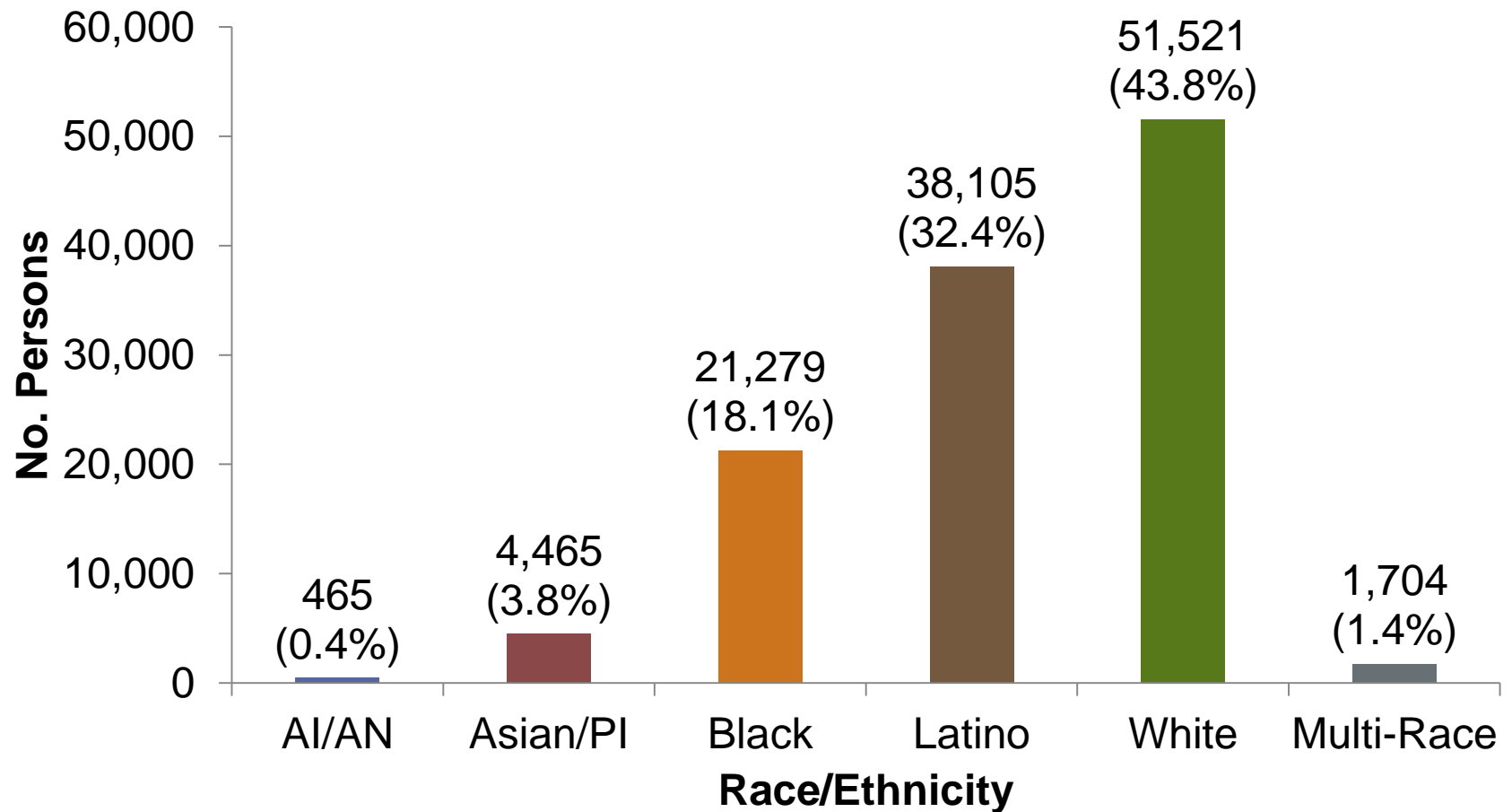
Reported PLWHA by Sex/Gender – 2012



Reported PLWHA by Age Group – 2012

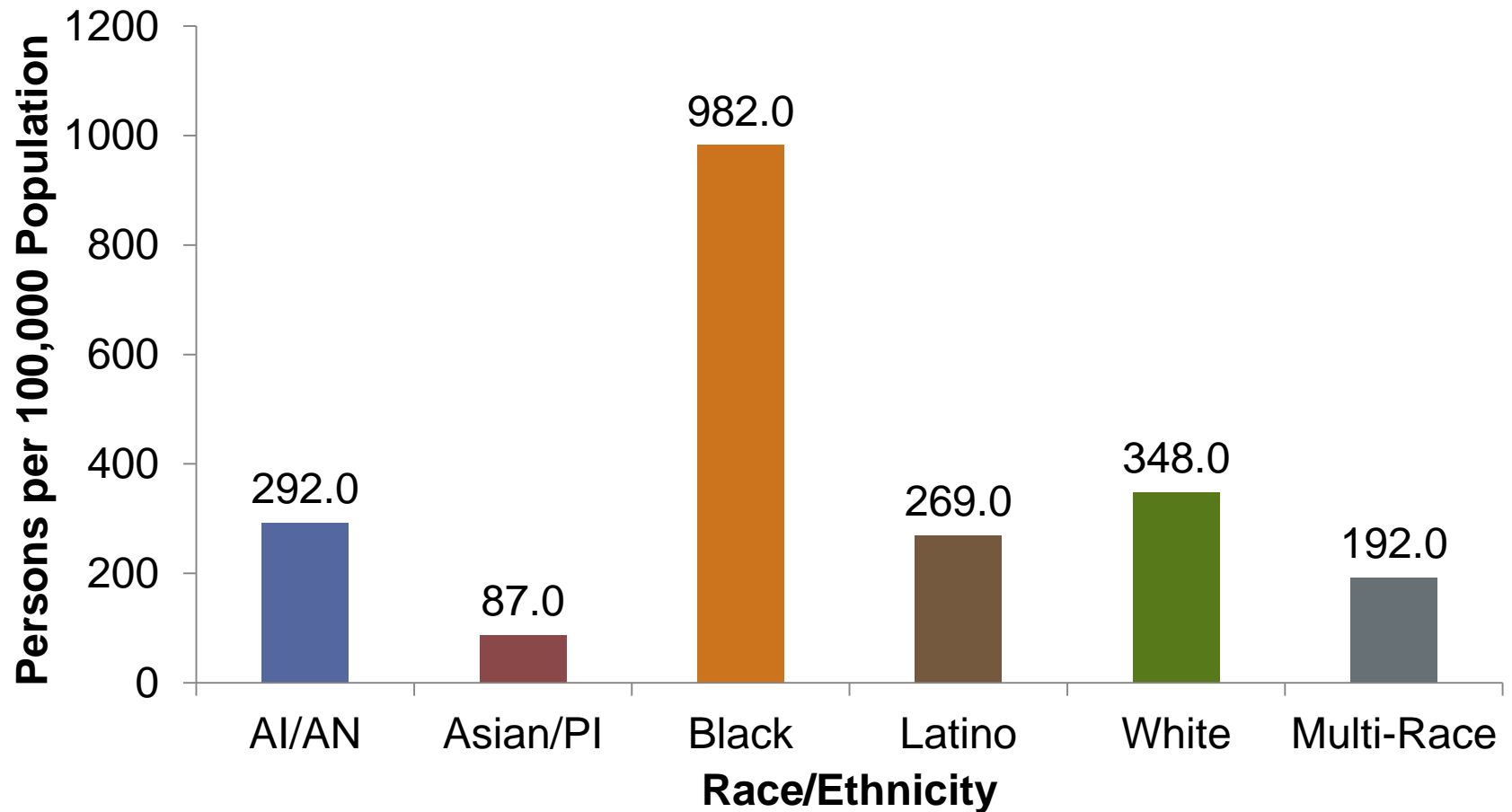


Reported PLWHA by Race/Ethnicity – 2012

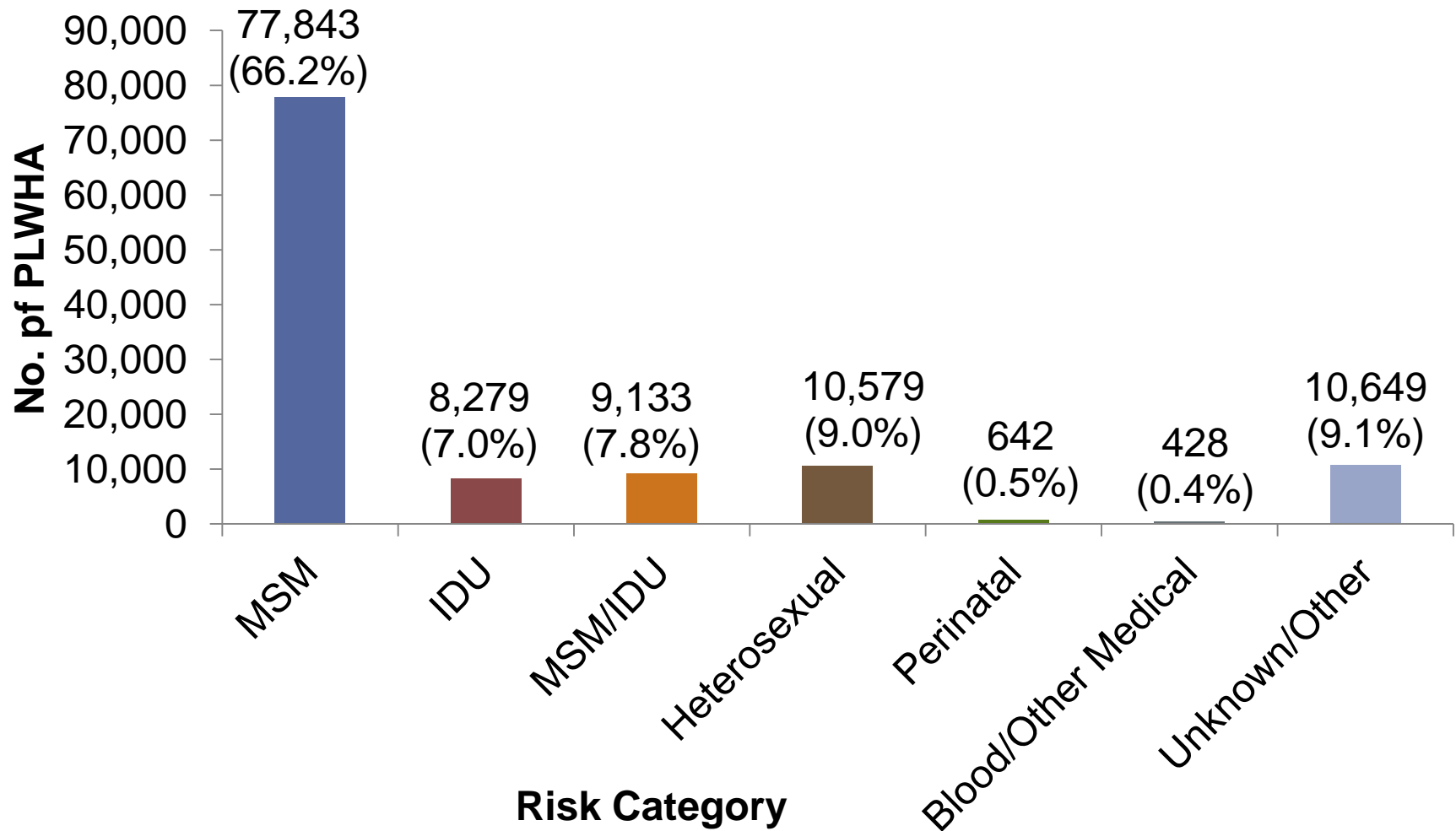


Reported PLWHA by Race/Ethnicity – 2012

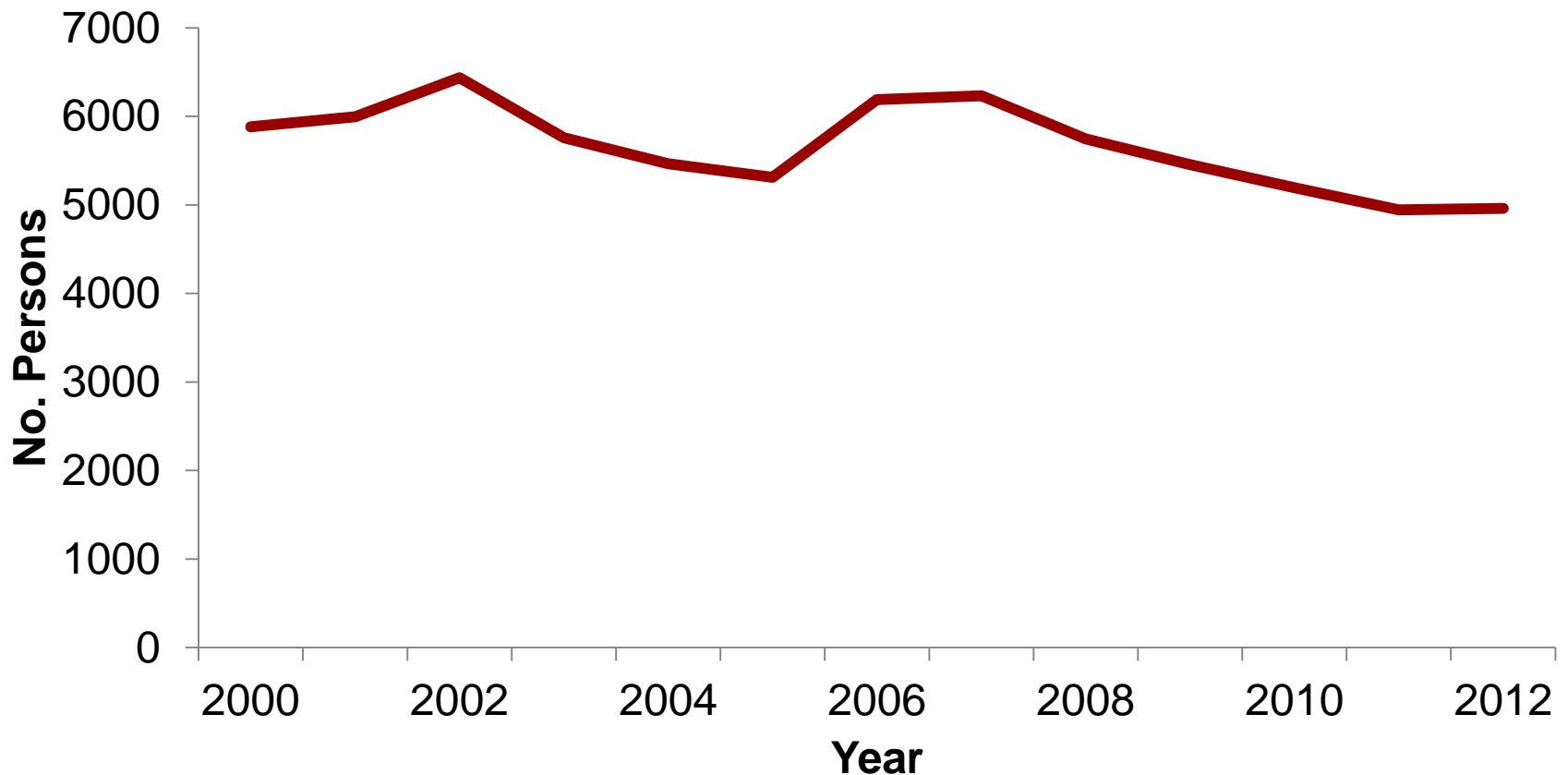
(Rate per 100,000)



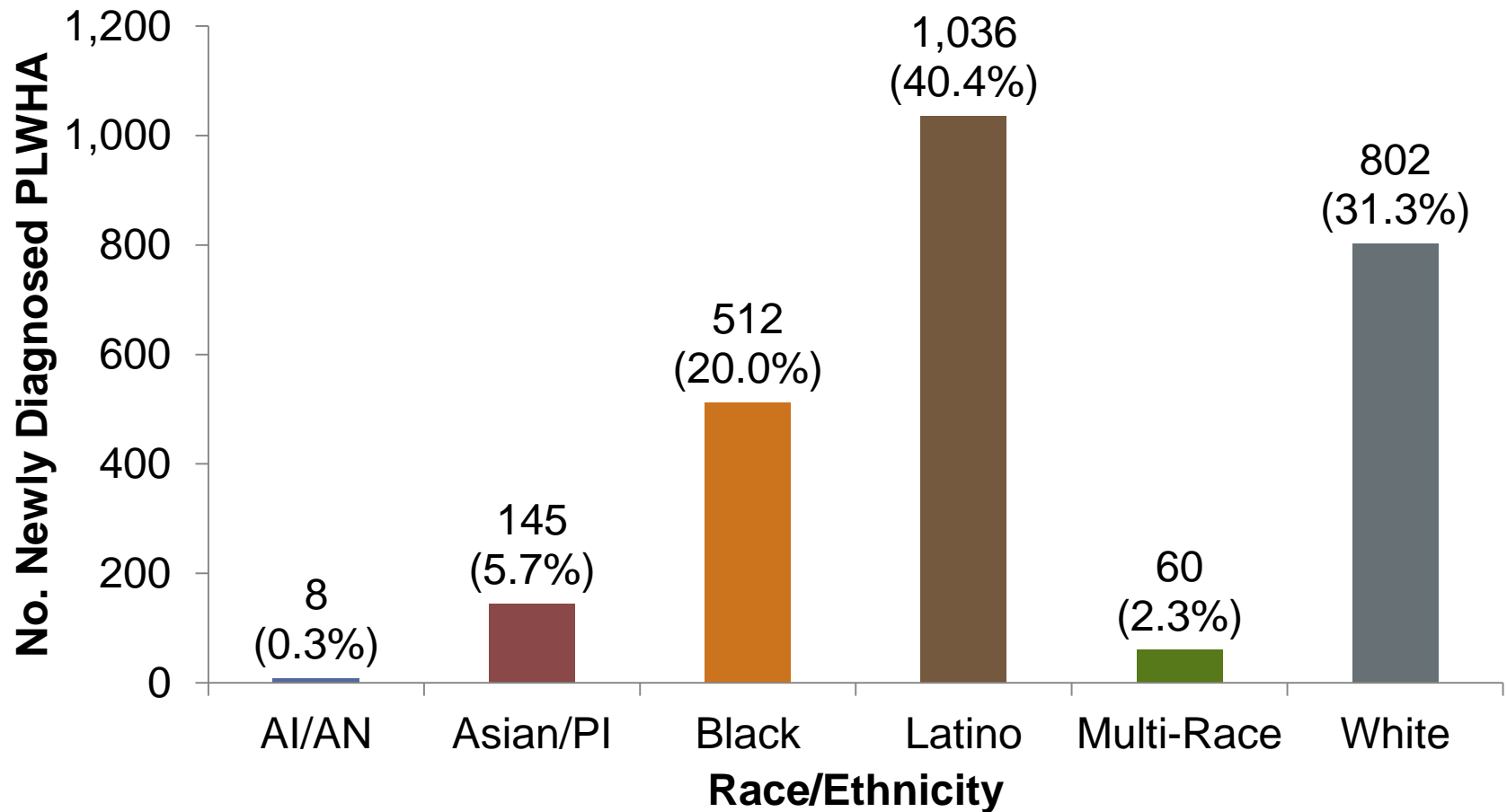
Reported PLWHA by Risk Category – 2012



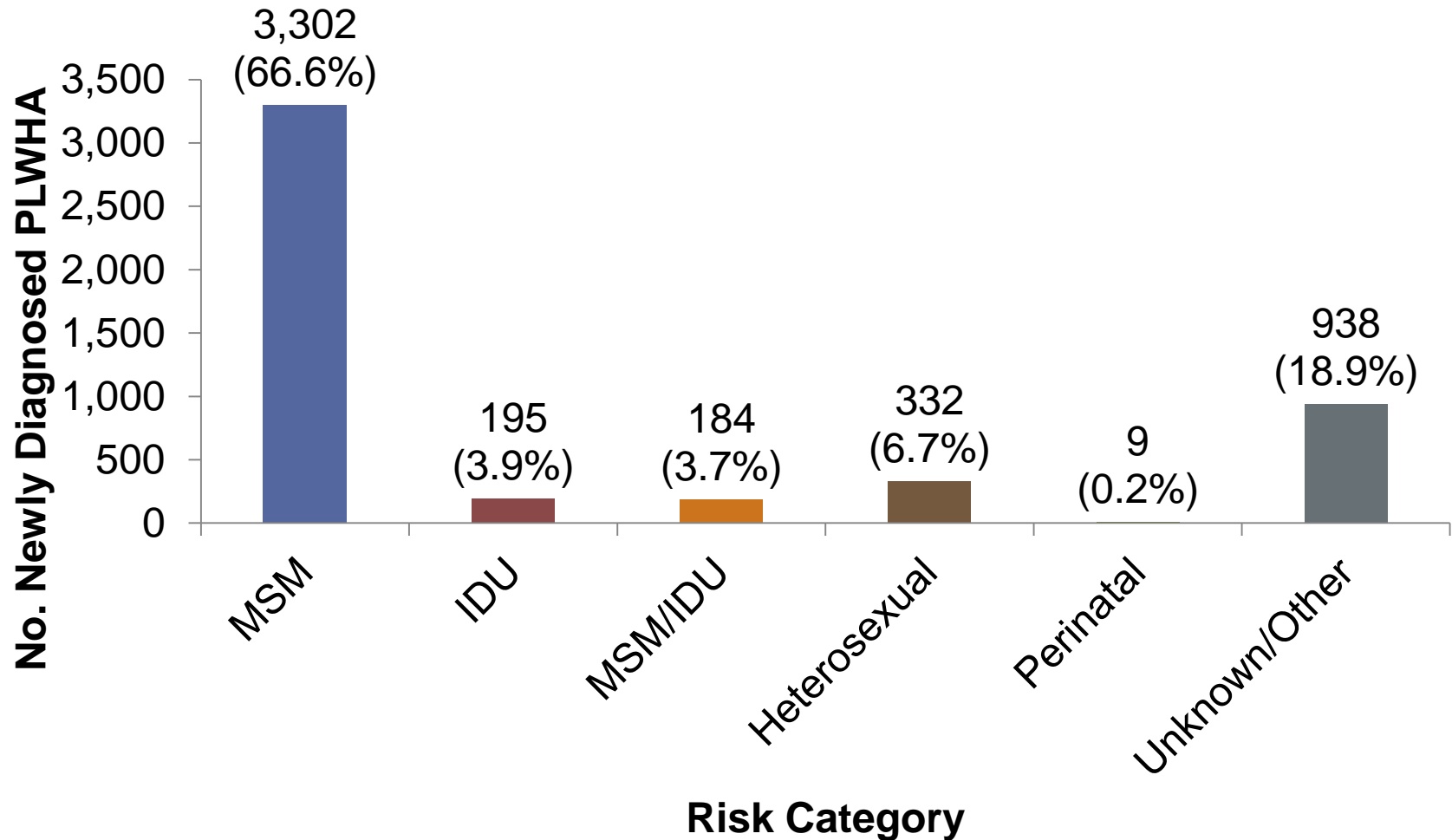
Newly Diagnosed with HIV Infection (2000 – 2012)



Newly Diagnosed by Race/Ethnicity - 2012



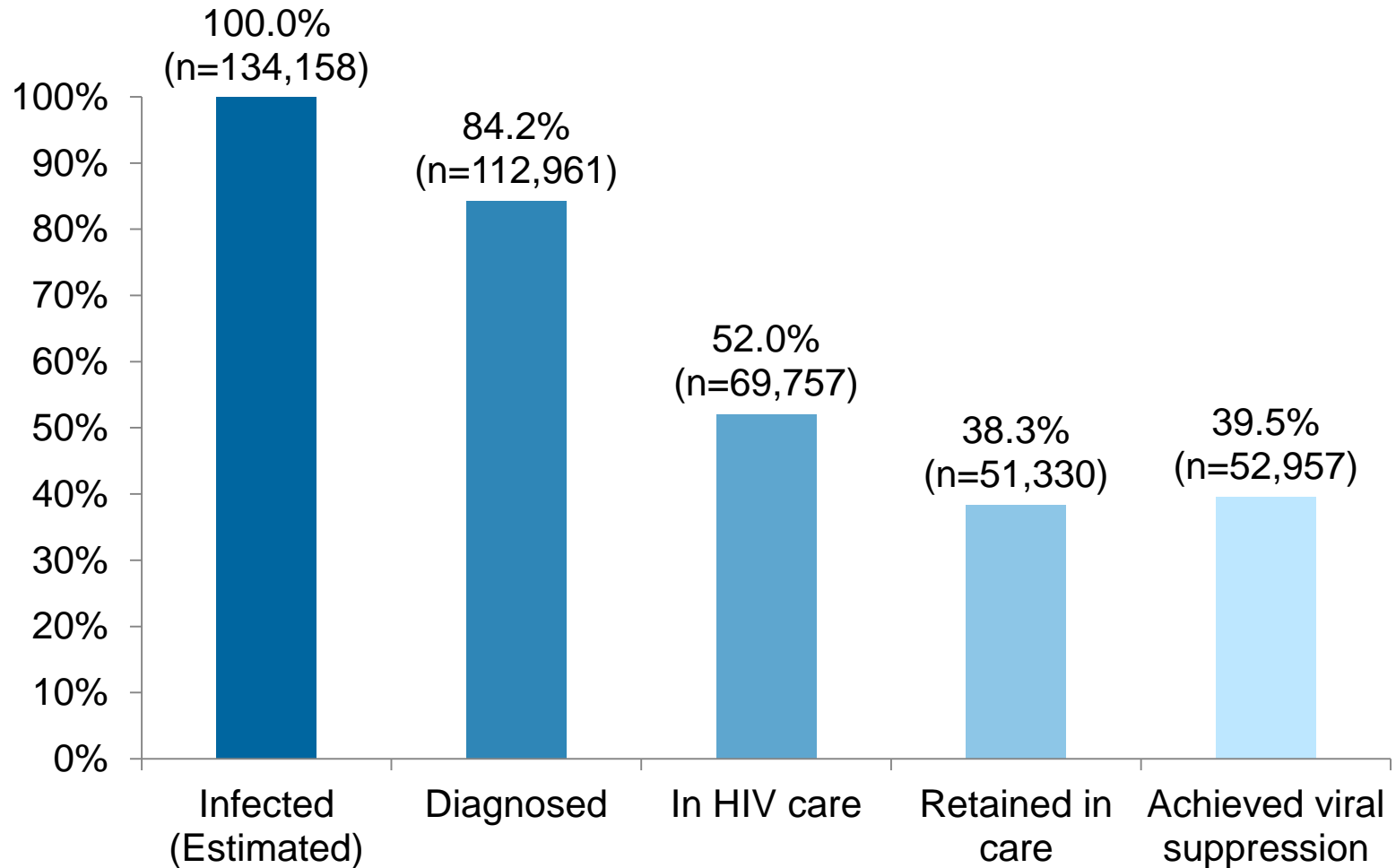
Newly Diagnosed by Risk Group - 2012



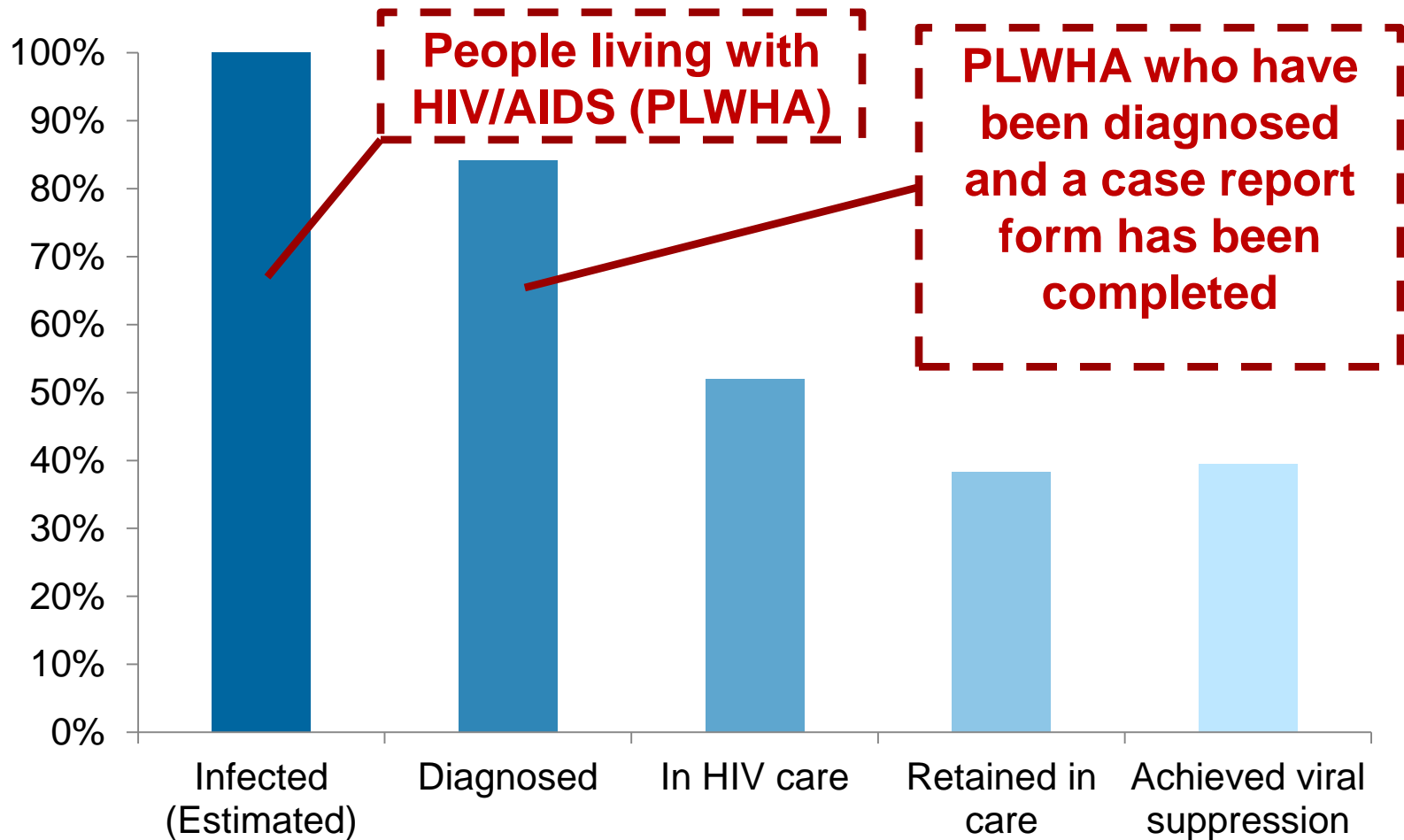
THE CONTINUUM OF HIV CARE AND THE NATIONAL HIV/AIDS STRATEGY



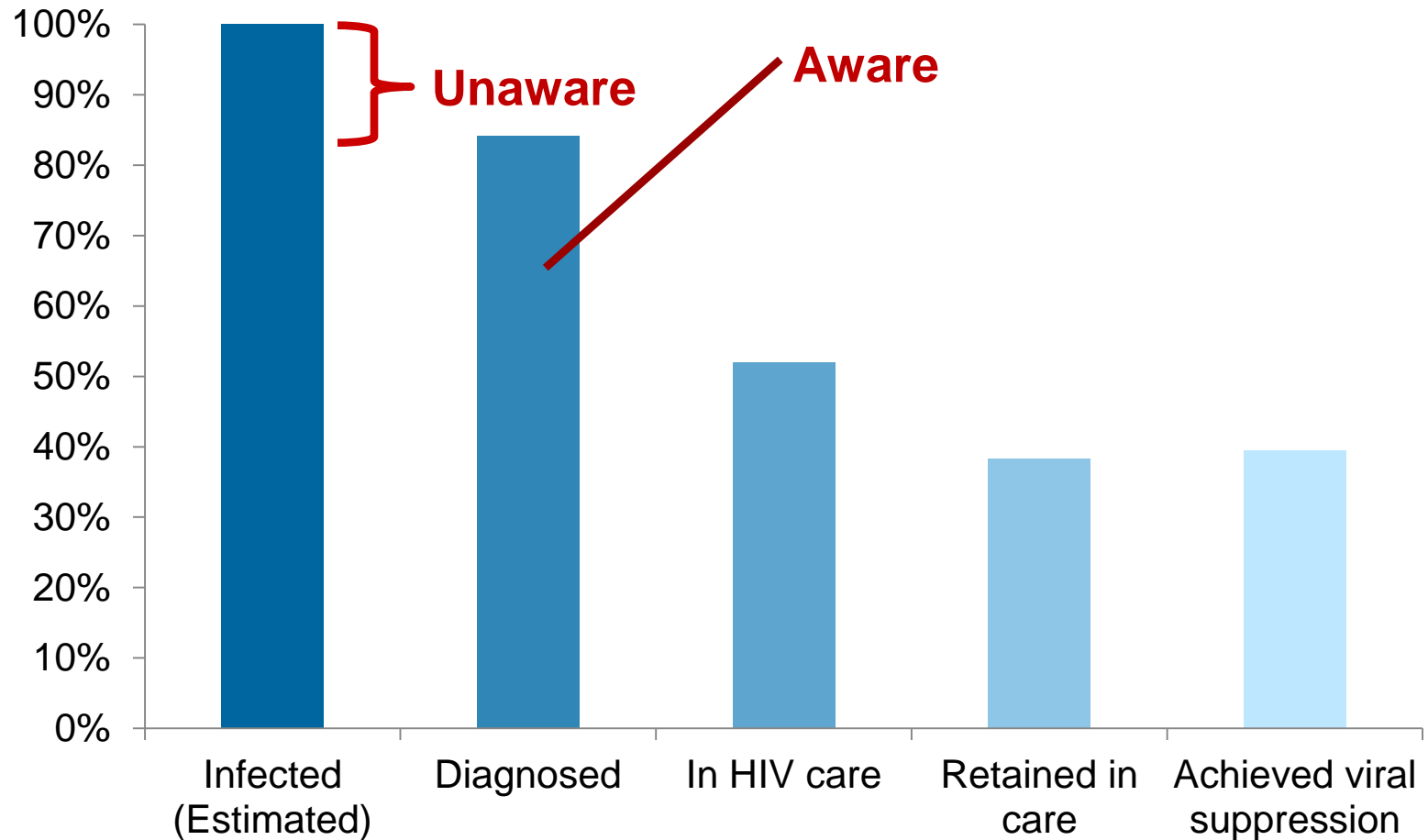
Continuum of HIV Care — California, 2012



Continuum of HIV Care — California, 2012



Continuum of HIV Care — California, 2012



National HIV/AIDS Strategy Goals

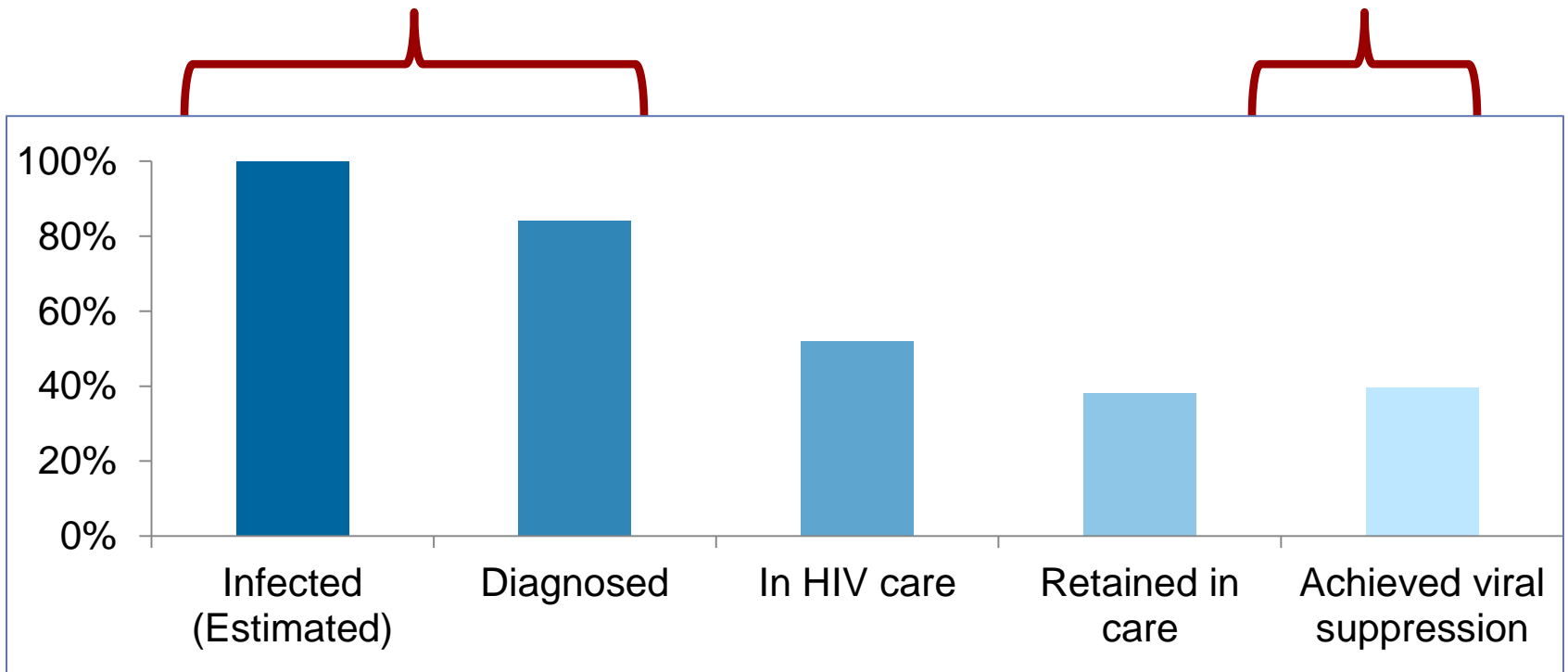
- 1) Reduce New HIV Infections**
- 2) Increase Access to Care and Improve Health Outcomes**
- 3) Reduce HIV-Related Health Disparities**
- 4) Achieve More Coordinated National Response**



National Strategy in the Context of the Continuum

1) Reduce New HIV Infections

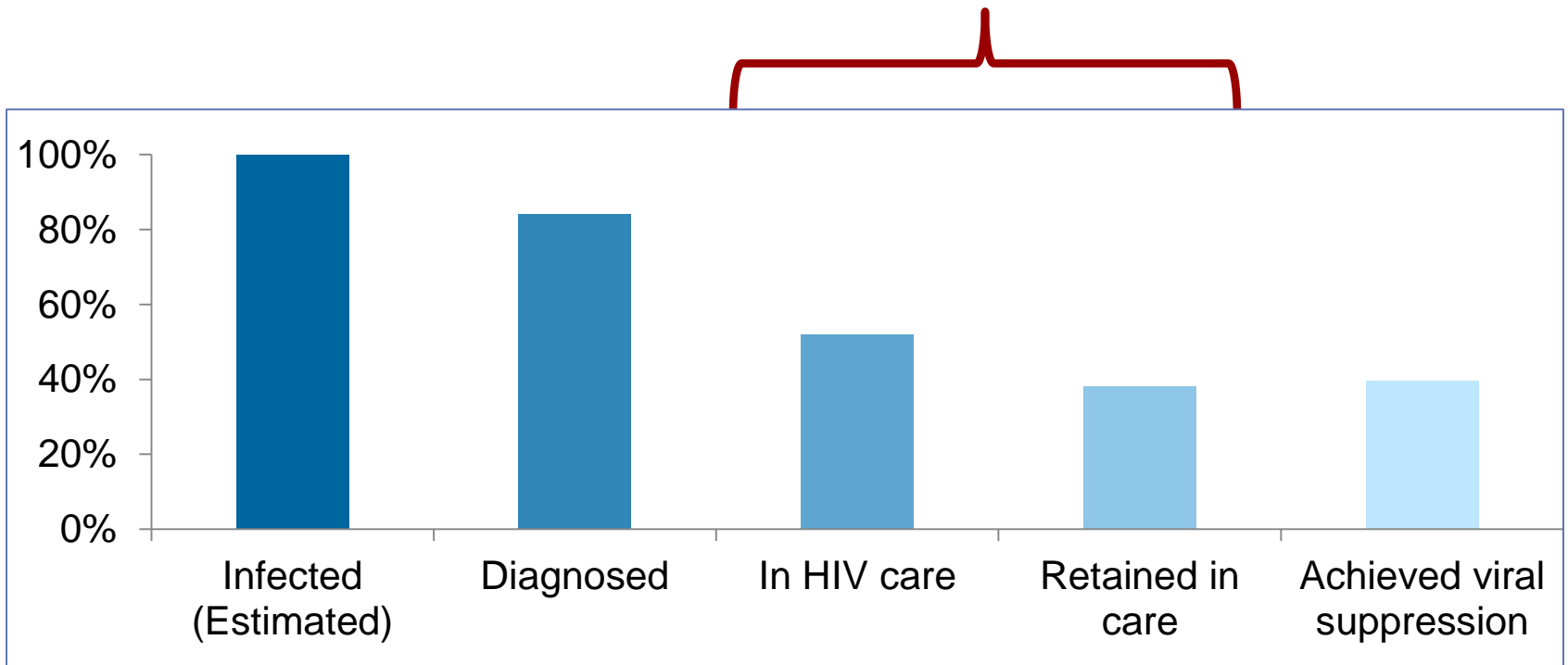
- Reduce the number of new infections
- Reduce the transmission rate
- Decrease the percent unaware



National Strategy in the Context of the Continuum

2) Increase Access to Care and Improve Health Outcomes

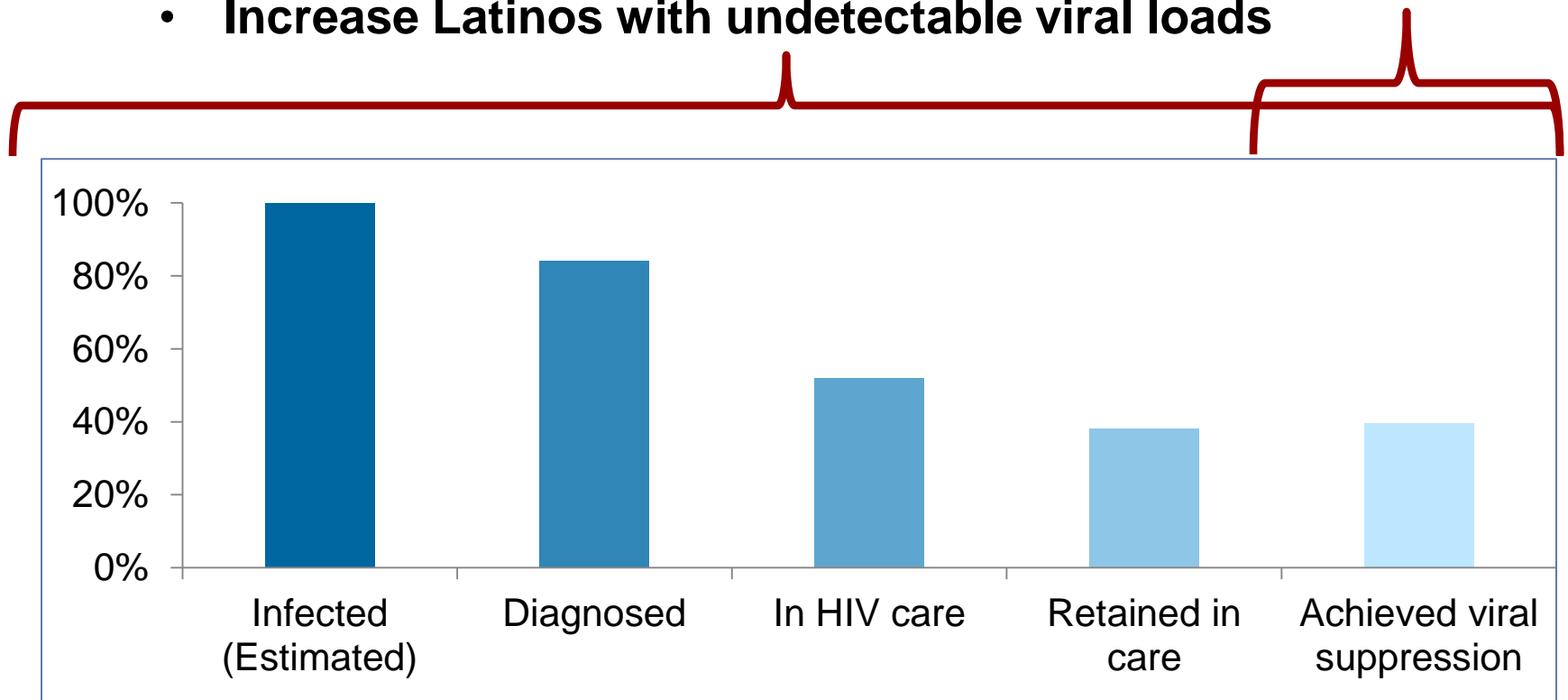
- Increase linkage to care
- Increase retention in care
- Increase those with permanent housing



National Strategy in the Context of the Continuum

3) Reduce HIV-Related Health Disparities

- Increase MSM with undetectable viral loads
- Increase Blacks with undetectable viral loads
- Increase Latinos with undetectable viral loads



CALIFORNIA INTEGRATED PLAN



Integrated Plan Goals & Objectives

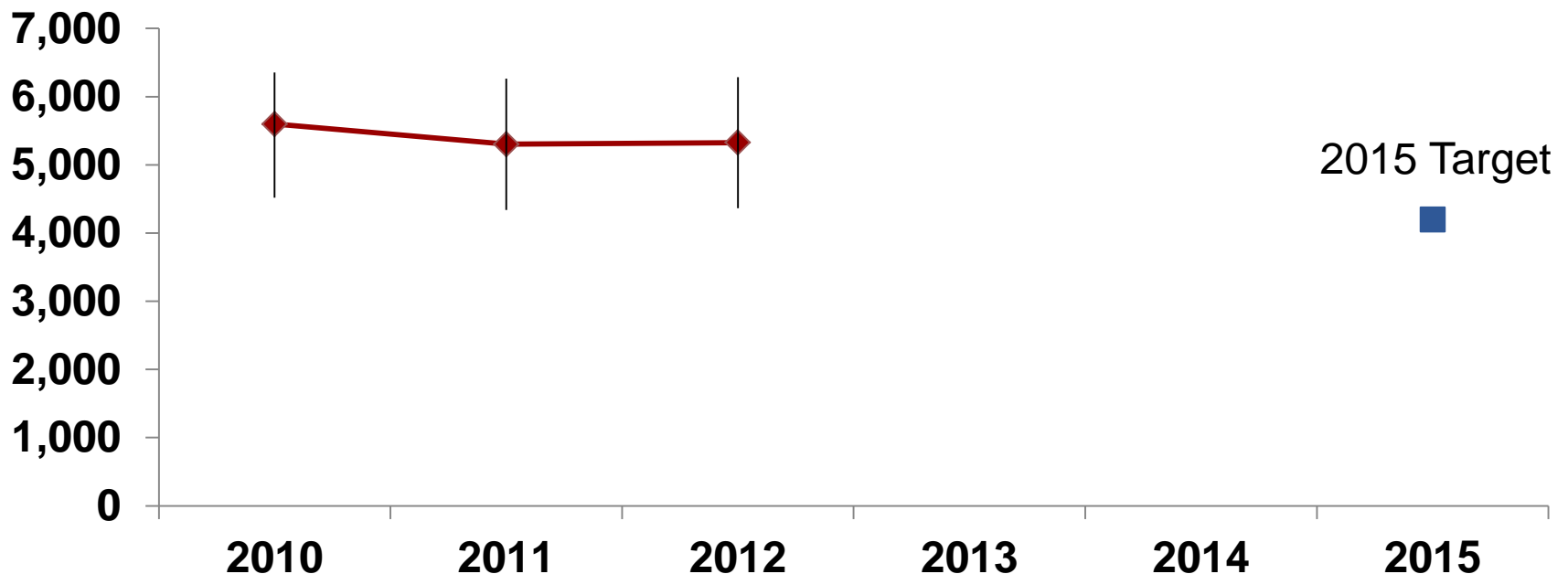
- Goal 1: Reduce New Infections
 - Objective 1: Decrease estimated number of new HIV infections by 25% by 2015
 - Objective 2: Increase estimated percentage of PLQHA who know their serostatus to 90% by 2015
 - Objective 3: Increase proportion of PLWHA in care with undetectable viral load by 20% by 2015

Integrated Plan Goals & Objectives

- Goal 2: Increase Access to Care and Optimize Health Outcomes
 - Objective 1: Increase proportion of newly diagnosed patients linked to care within three months of diagnosis to 85% by 2015
 - Objective 2: Increase proportion of PLWH/A in continuous care to 80 percent by 2015
- Goal 3: Reduce HIV-Related Health Disparities
 - Objective 1: Increase proportion of HIV-diagnosed gay and bisexual men with undetectable viral load by 20% by 2015
 - Objective 2: Increase proportion of HIV-diagnosed Blacks with undetectable viral load by 20% by 2015
 - Objective 3: Increase proportion of HIV diagnosed Latinos with undetectable viral load by 20% by 2015

Goal 1: Reduce New Infections

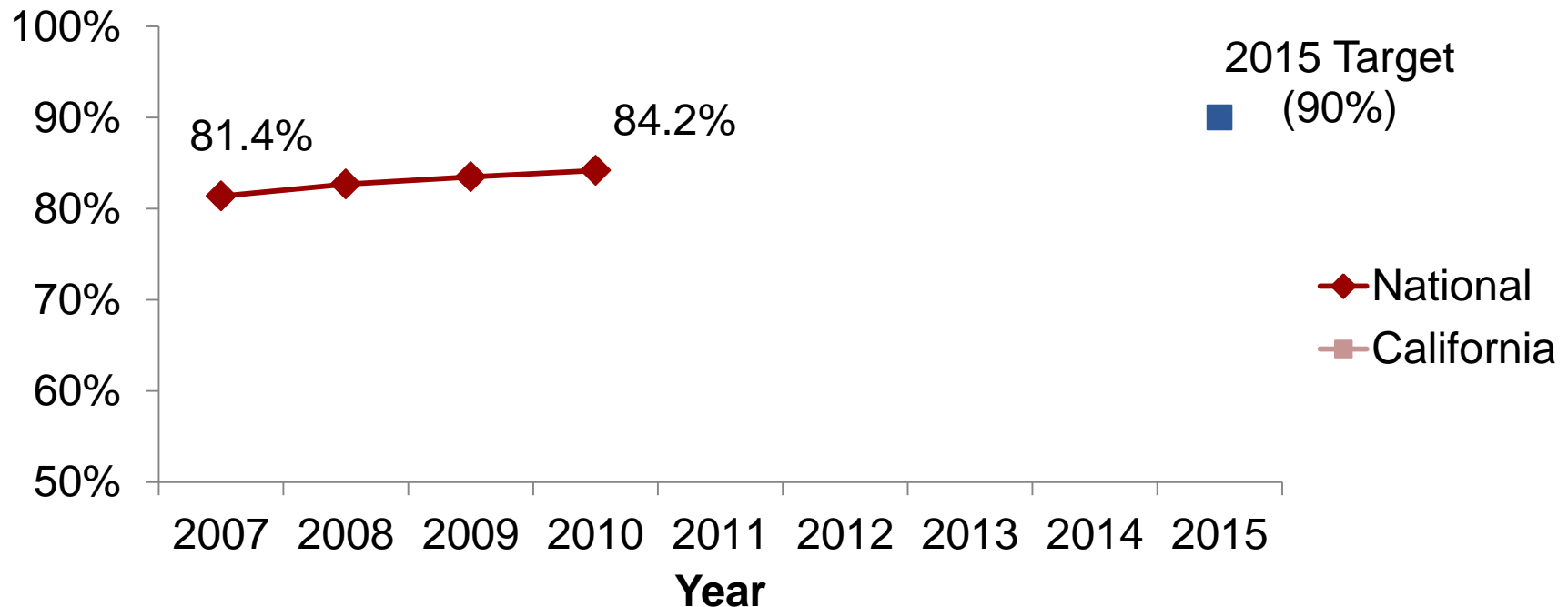
- Objective 1: The estimated number of new HIV infections in 2015 will decrease by 25 percent compared to 2010, from 5,598 to 4,199
- 2010-2012: Estimated number new infections is stable



* 2012 data are preliminary

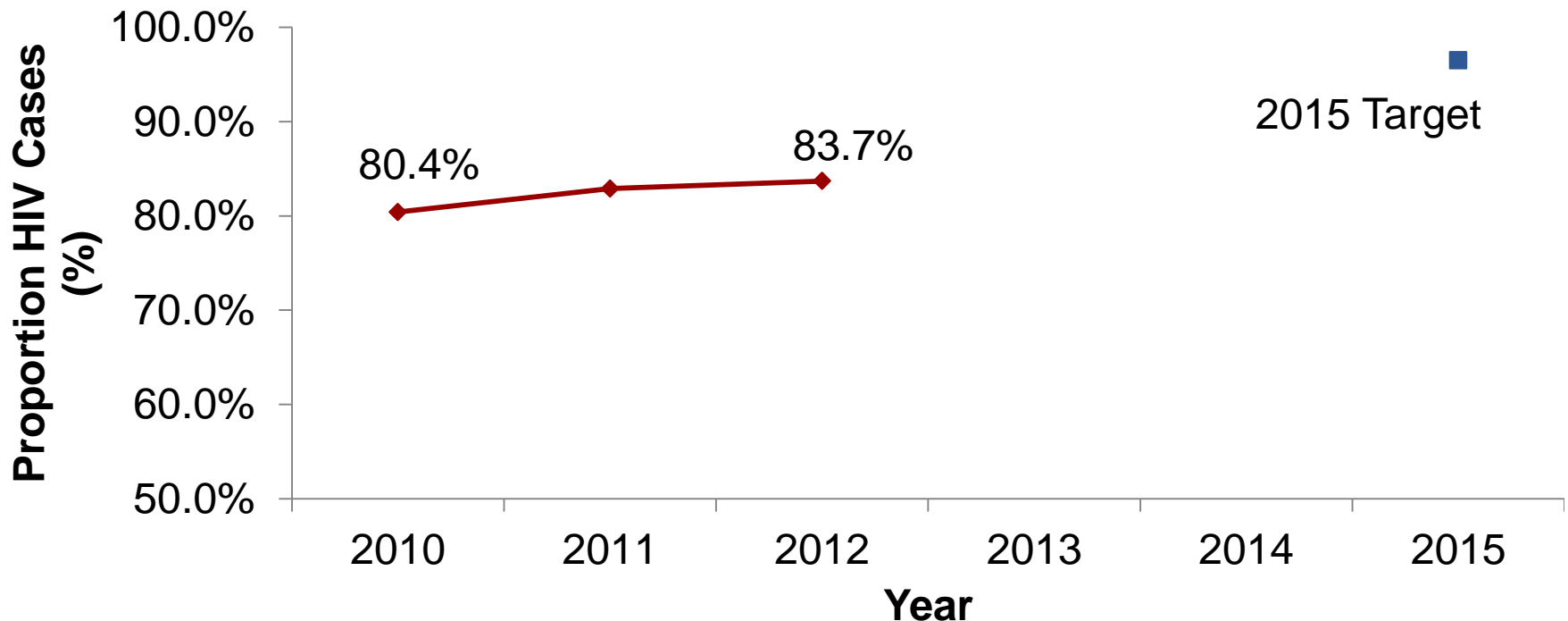
Goal 1: Reduce New Infections

- Objective 2: The estimated percentage of PLWHA who know their serostatus will increase to 90% in 2015, compared to 82% in 2010
- 2010-2012: Increasing proportion PLWHA know their serostatus nationwide



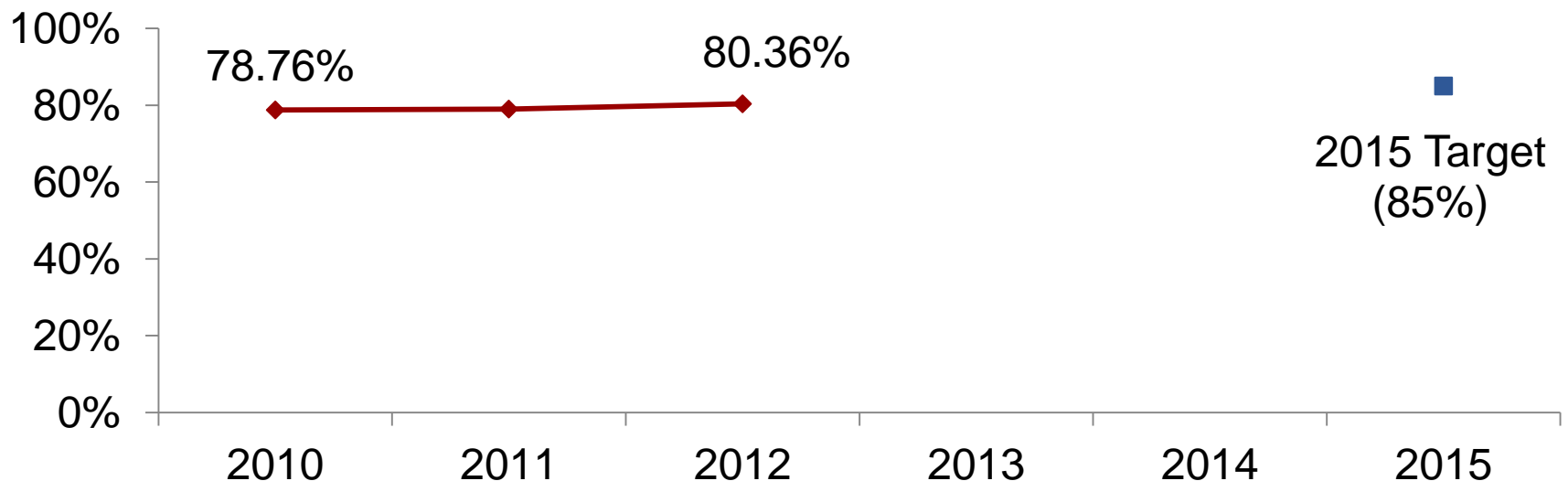
Goal 1: Reduce New Infections

- Objectives 3: The proportion of PLWHA in care with undetectable viral load will increase by 20 percent from 81% in 2010 to 96% in 2015
- 2010-2012: Overall viral suppression is improving



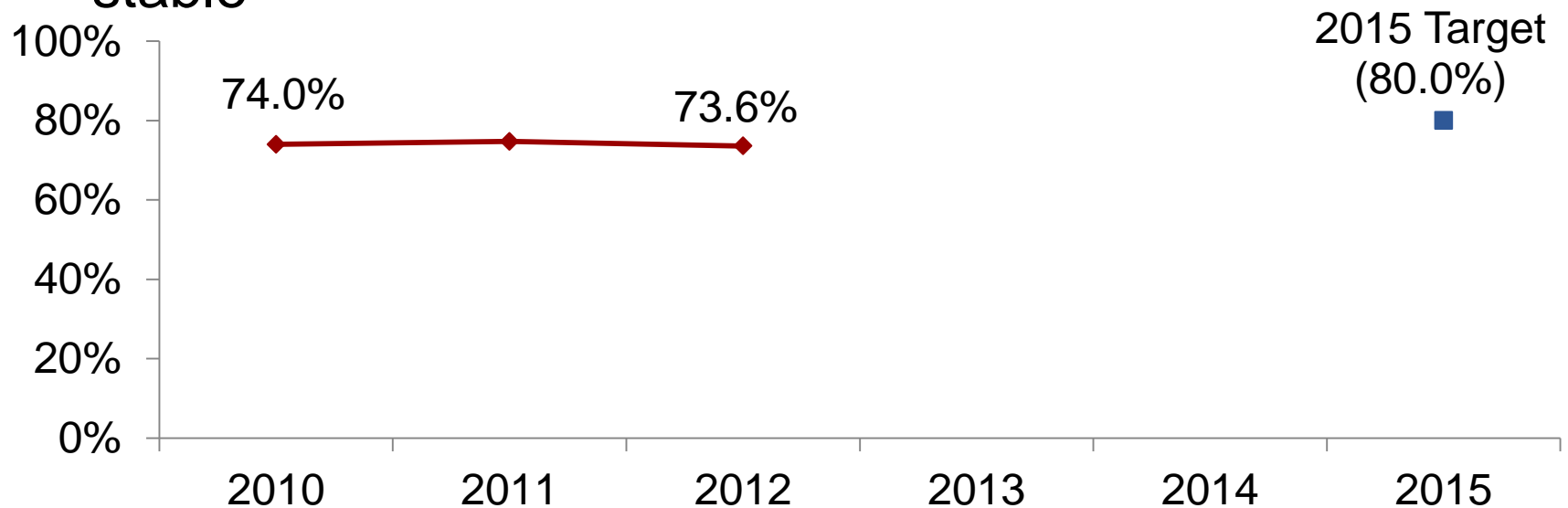
Goal 2: Increase Access to Care and Optimize Health Outcomes

- Objective 1: The proportion of newly diagnosed patients linked to clinical care within three months of HIV diagnosis will increase to 85% in 2015, compared to 79% in 2010.
- 2010-2012: Proportion of PLWHA linked to care is improving slightly



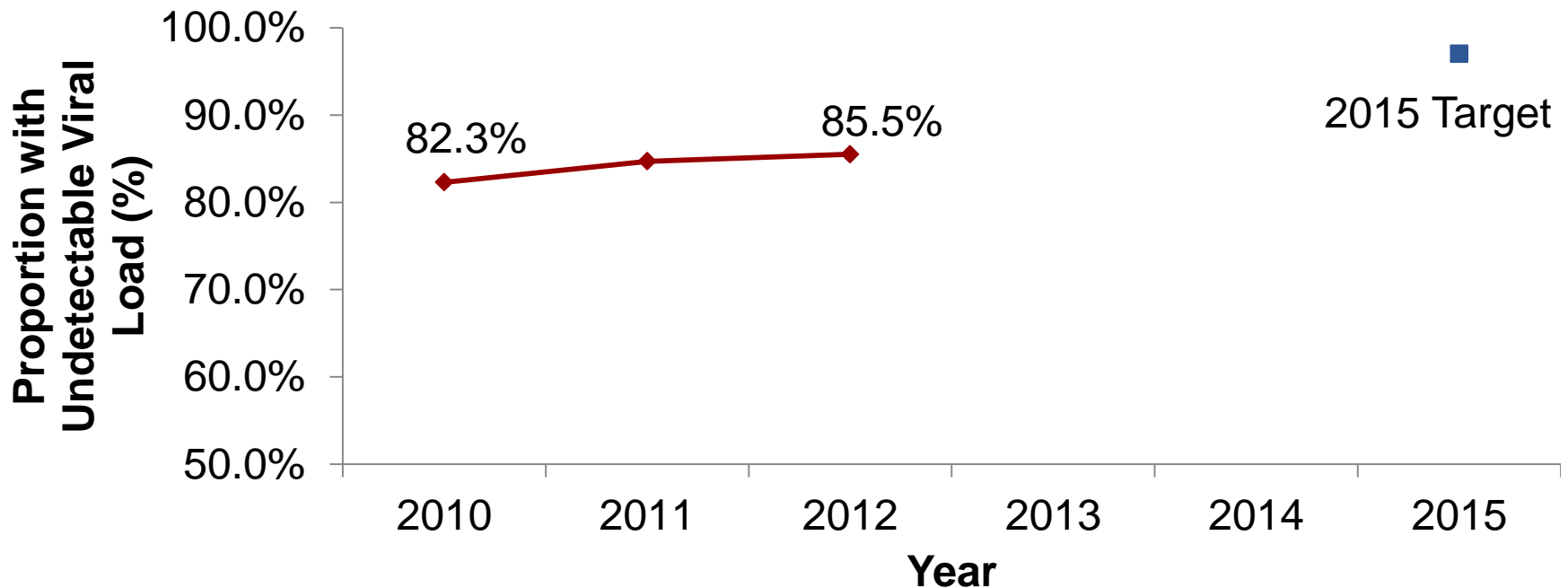
Goal 2: Increase Access to Care and Optimize Health Outcomes

- Objective 2: The proportion of PLWH/A who are in continuous care will increase to 80 percent in 2015, compared to 74% in 2010.
- 2010-2012: Proportion of PLWHA retained in care is stable



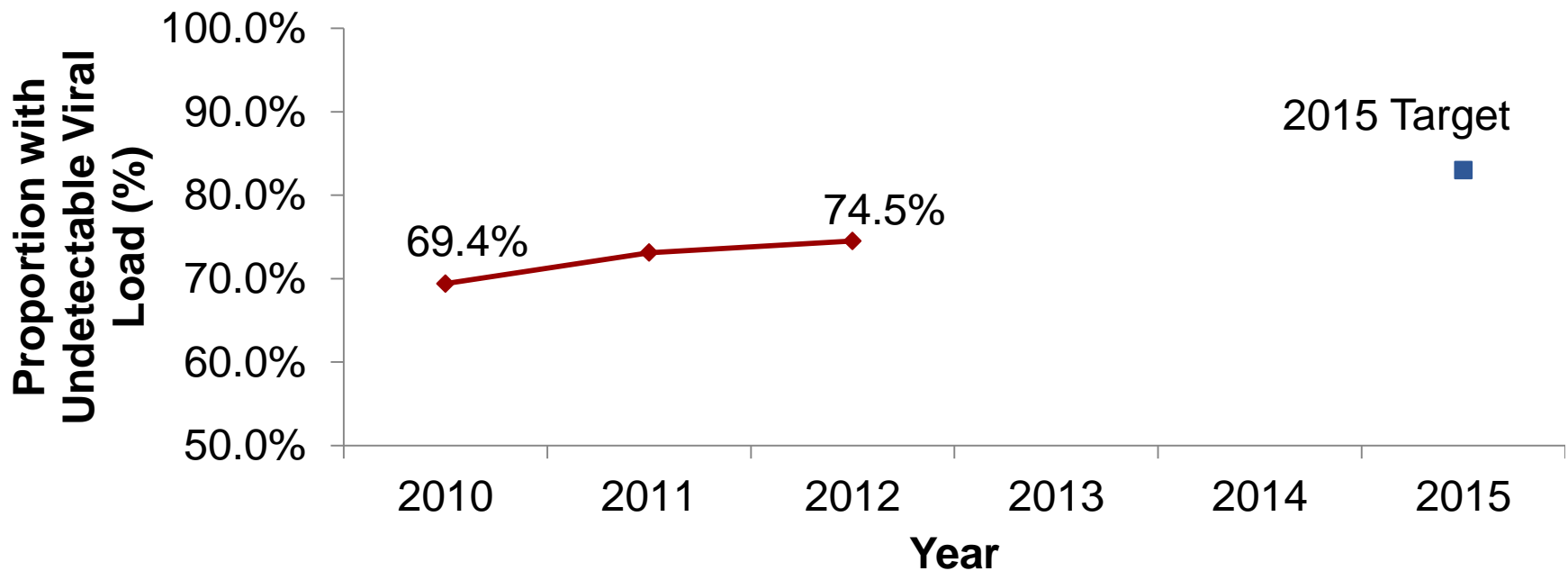
Goal 3: Reduce HIV-Related Health Disparities

- Objective 1: The proportion of HIV-diagnosed gay and bisexual men in care with undetectable viral load will increase by 20 percent from 2010 to 97% in 2015
- 2010-2012: Viral suppression is increasing among MSM



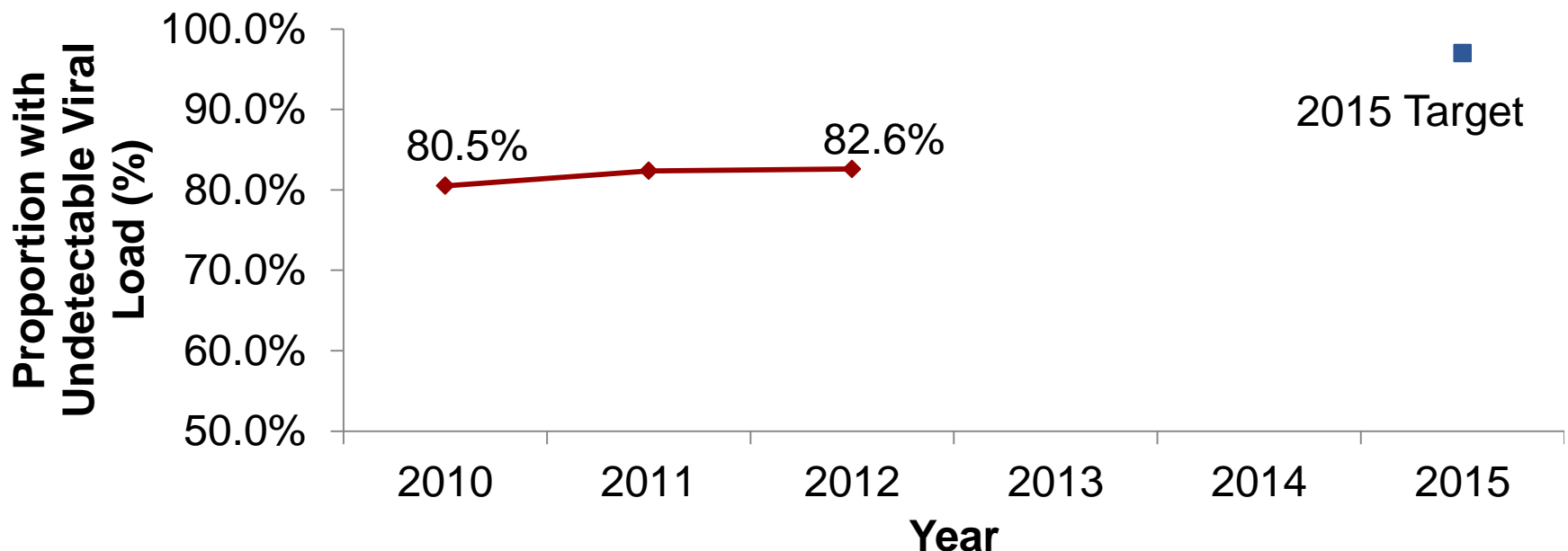
Goal 3: Reduce HIV-Related Health Disparities

- Objective 2: By The proportion of HIV-diagnosed Blacks with undetectable viral load will increase by 20 percent from 69% in 2010 to 83% in 2015.
- 2010-2012: Viral suppression is improving among Blacks



Goal 3: Reduce HIV-Related Health Disparities

- Objective 3: The proportion of HIV diagnosed Latinos with undetectable viral load will increase by 20 percent from 80% in 2010 to 97% in 2015.
- 2010-2012: Viral suppression is improving slightly among Latinos



Goals 1-3: Overview in California

- Estimated incident cases (new infections) are stable
- Increasing numbers know their serostatus nationwide
 - Do not yet have California-specific estimates
- Overall viral suppression is improving
- Proportion of PLWHA linked to care is improving slightly
- Proportion of PLWHA retained in care is stable
- Viral suppression is improving among MSM, black/African Americans, and Latinos
 - Greatest increases among black/African American



Acknowledgments

Thank you to the following for their assistance in creating these slides

- Valorie Eckert
- Czarina Behrends
- All Surveillance Section staff for their efforts in collecting, cleaning, and managing the surveillance data
- All local health jurisdictions for their efforts in collecting surveillance data



Questions?

